



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 17, 2023

Stephanie Herring  
Agent for Generic Crop Science, LLC  
Generic Crop Science, LLC  
1887 Whitney Mesa Drive #9740  
Henderson, NV 89014

Subject: Notification per PRN 98-10 – Adding optional marketing language and correcting minor typographical errors.

Product Name: Pinoxaden 10% EC  
EPA Registration Number: 94730-29  
Application Date: 10/18/2022  
Decision Number: 588428/Case#480524

Dear Ms. Herring:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact please contact Sayed Islam at 202-566-2796 or by email at [islam.sayed@epa.gov](mailto:islam.sayed@epa.gov).

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Decision No. 588428/case# 480524



For

Heather McFarley, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

**PINOXADEN    GROUP 1    HERBICIDE**

# PINOXADEN 10% EC

**[ABN: Farmers First™ Pinoxaden 0.8EC; Willowood Pinoxaden 0.8EC; GCS Pinoxaden 0.8EC; Farmers First™ Pinoxaden 10% EC; Willowood Pinoxaden 10% EC]  
[HERBICIDE]**

A postemergence herbicide for control of grass weeds in Wheat and Barley

Active Ingredient:	By Wt. %
Pinoxaden* .....	10.0%
Other Ingredients: .....	<u>90.0%</u>
Total:	100.0%

\*CAS. No. 243973-20-8  
Contains petroleum distillates.  
Pinoxaden 10% EC contains 0.844 lb. of pinoxaden active ingredient per gallon.

[Contains pinoxaden, the active ingredient in Axial® Herbicide.]

## KEEP OUT OF REACH OF CHILDREN CAUTION

See [side] [back] [panel] [label booklet] for [First Aid] [additional] Precautionary Statements, [and] Directions for Use including Storage and Disposal.

**Manufactured for:**  
Generic Crop Science LLC  
1887 Whitney Mesa Drive, Suite 9740  
Henderson, NV 89014-2069

**EPA Reg. No.: 94730-29**  
**EPA Est. No.:** \_\_\_\_\_  
**Net Contents:** \_\_\_\_\_

[Pinoxaden 10% EC is not manufactured, or distributed by Syngenta Crop Protection, seller of Axial® Herbicide.]

### NOTIFICATION

94730-29

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/17/2023

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• <b>DO NOT give any liquid to the person.</b></li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>Note to Physician</b>	
Contains petroleum distillates – vomiting may cause aspiration pneumonia.	
<b>Hotline Number</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 or the poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with the skin, eyes, or clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to **PINOXADEN 10% EC** Care listed below.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride (PVC)  $\geq$  14 mils, or viton  $\geq$  14 mils

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### User Safety Recommendations

##### Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. **DO NOT** contaminate water when disposing of equipment wash water or rinsate.

#### Non-target Organism Advisory Statement

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including

pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

### Physical or Chemical Hazards

**DO NOT** use or store near heat or open flame.

**DO NOT** mix or allow coming in contact with oxidizing agents. Hazardous Chemical reaction may occur.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labelling.

**DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### READ AND FOLLOW ALL DIRECTIONS FOR USE.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labelling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.**

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils, or viton  $> 14$  mils.

### FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY AND/OR POOR WEED CONTROL.

#### PRODUCT INFORMATION

**PINOXADEN 10% EC** is a systemic, postemergence herbicide for the control of listed grass weed species in all varieties of spring wheat (excluding durum), winter wheat, and barley.

**PINOXADEN 10% EC** inhibits the acetyl CoA carboxylase (ACCase) enzyme. It is absorbed quickly by weed foliage and spreads to the leaves and stems. Weeds stop growing within 48 hours. Sensitive weed species begin to turn yellow in one to three weeks and control can be achieved in three to five weeks. The rate of weed control depends on the species, growing conditions, crop competition, and herbicide coverage. For best results, ensure thorough spray coverage of the plant.

#### WEED RESISTANCE MANAGEMENT

For resistance management, **PINOXADEN 10% EC** is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to (name of product) and other Group 1 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

- To delay herbicide resistance take one or more of the following steps: Rotate the use of **PINOXADEN 10% EC** or other Group 1 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical

information related to herbicide use and crop rotation, and that considers tillage ( or other mechanical control methods), cultural ( e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between ~~fields,~~ and fields and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Generic Crop Science, LLC at 1-844-200-FARM (3276) or at www.fbn.com.

## AERIAL APPLICATIONS

### MANDATORY SPRAY DRIFT MANAGEMENT

#### Aerial Applications:

- **DO NOT** release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a medium or coarser droplet size (ASABE S572).
- If the windspeed is 10 miles per hour or less, applicators must use ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use ¾ swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- **DO NOT** apply during ground level temperature inversions.

#### Ground Boom Applications:

- User must only apply with the release height ~~specified~~ specified by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions

## SPRAY DRIFT ADVISORIES

**THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.**

### IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure specified for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers' specifications for setting up nozzles. To reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

#### BOOM HEIGHT – Ground Boom

For ground equipment, the boom must remain level with the crop and have minimal bounce.

**RELEASE HEIGHT – Aircraft**

Higher release heights increase the potential for spray drift.

**SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

**TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

**TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. **DO NOT** make applications during temperature inversions.

**WIND**

Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.** Applicators need to be familiar with local wind patterns and terrain that could affect spray drift

**APPLICATION INSTRUCTIONS**

Apply **PINOXADEN 10% EC** to all varieties of spring wheat (excluding durum), winter wheat, and barley from the 2-leaf stage to pre-boot stage. Apply **PINOXADEN 10% EC** to actively growing weeds. Make an early application to maximize crop yields by reducing weed competition.

**ROTATIONAL CROP RESTRICTIONS**

The following crops may be planted at the specified interval following application of **PINOXADEN 10% EC**.

Crop	Rotational Interval
Wheat (including Durum) and Barley	0 days
Leafy and Root Crops	30 days
Other Cereal Grains and All Other Crops	90 days

**USE PRECAUTIONS:**

- Application of **PINOXADEN 10% EC** under conditions of stress, including drought, heat, insufficient fertility, flooding, and prolonged cool temperatures may reduce or delay weed control. Grass escapes or re-tillering may occur if application is made during prolonged conditions of stress. Make application when these conditions have ended and weeds are actively growing.
- When tank mixing with a broadleaf herbicide, insecticide, or fungicide, always refer to the label of the tank mix partner prior to use.

**USE RESTRICTIONS:**

- **DO NOT** apply more than 8.0 fl. oz. (0.053 lb. a.i.) per acre per application with **PINOXADEN 10% EC**.
- **DO NOT** make more than one application with **PINOXADEN 10% EC** per crop per year (12 consecutive months).
- **DO NOT** allow spray to drift to adjacent fields seeded to crops other than wheat or barley.
- **DO NOT** treat wheat or barley underseeded to forages with **PINOXADEN 10% EC**.
- **DO NOT** graze livestock or harvest forage for hay from treated wheat and barley for a minimum of 30 days following application of **PINOXADEN 10% EC**.
- **PHI: DO NOT** harvest grain for 60 days following application of **PINOXADEN 10% EC**.
- **DO NOT** apply both clodinafop-propargyl containing products and **PINOXADEN 10% EC** to the same crop in the same season.
- **DO NOT** feed wheat and barley straw to livestock earlier than 60 days after application with **PINOXADEN 10% EC**.
- **DO NOT** apply **PINOXADEN 10% EC** to a crop that is stressed by conditions include frost, low fertility, drought, flooding, disease damage, or insect damage, as crop injury may result.
- **DO NOT** allow direct or indirect contact (including spray drift) of **PINOXADEN 10% EC** with crops other than those specified for treatment on this label, since injury may occur.

**WEEDS CONTROLLED**

**PINOXADEN 10% EC** controls green foxtail, yellow foxtail, giant foxtail, wild oat, volunteer oat, barnyardgrass, Persian dandel, Italian (annual) ryegrass, canarygrass, wild proso millet, and windgrass.

**USE RATES**

Apply the label rate of **PINOXADEN 10% EC** with an oil-based adjuvant including **IN-CERT MSO** using ground or aerial equipment in a minimum of 5 gals. of water per acre.

WEEDS CONTROLLED*	USE RATES	
Barnyardgrass, <i>Echinochloa crus-galli</i> Canarygrass, <i>Phalaris</i> spp. Giant foxtail, <i>Setaria faberi</i> Green foxtail, <i>Setaria viridis</i> Italian (annual) ryegrass, <i>Lolium multiflorum</i> Persian dandel, <i>Lolium persicum</i> Volunteer oat, <i>Avena sativa</i> Wild oat, <i>Avena fatua</i> Wild proso millet, <i>Panicum miliaceum</i> Windgrass, <i>Apera</i> spp. Yellow foxtail, <i>Setaria glauca</i>	<b>PINOXADEN 10% EC</b>  +  <b>IN-CERT MSO or suitable oil-based adjuvant</b>	8.0 fl. oz./A (0.053 lb. a.i./A)  +  8.0 fl. oz./A

\*When tank mixing broadleaf herbicides, refer to **TANK MIXES OF PINOXADEN 10% EC** section.

**NOTE:** Weeds emerging after **PINOXADEN 10% EC** application will not be controlled. Refer to the

**Crop Use Directions** section for grazing and harvest restrictions.

**TIMING OF APPLICATION TO WEEDS**

Weed	Leaves on Main Stem	Tillers
Persian Dandel Volunteer Oat Wild-Oat	1 to 6-leaf stage on main stem	Prior to emergence of the 4 <sup>th</sup> tiller
Barnyardgrass Canarygrass Giant Foxtail Green Foxtail Italian (Annual) Ryegrass Wild Proso Millet Windgrass Yellow Foxtail	1 to 5-leaf stage on main stem	For best results, apply prior to emergence of the 3 <sup>rd</sup> tiller and while weeds are actively growing.

**RAINFASTNESS**

**PINOXADEN 10% EC** applied alone is not affected by rain falling 30 minutes or more after application.

**MIXING INSTRUCTIONS**

- Clean spray tank and half fill with clean water. Start agitation or bypass system.
- If a broadleaf herbicide is to be used, add the product **FIRST**, prior to adding **PINOXADEN 10% EC**, and agitate for 2-3 minutes.
- Add the correct amount of **PINOXADEN 10% EC** and agitate for 2-3 minutes.
- Add the correct amount of oil-based surfactant including **IN-CERT MSO**.
- Agitate for 1-2 minutes before adding the remainder of water and then maintain constant agitation.
- After any break in spraying operations, agitate thoroughly before spraying again.
- Use the spray solution as soon as it is prepared.**

**Sprayer Cleanup**

Prior to mixing, be sure to clean all spray equipment thoroughly.

Thoroughly clean application equipment immediately after spraying **PINOXADEN 10% EC**.

Follow the directions below:

- Drain and flush tank walls, boom, and all hoses for 10 minutes with clean water. **DO NOT** clean the sprayer near desirable vegetation, wells, or other water sources.
- Remove the nozzles and screens and wash separately.



3. Dispose of all rinsates in accordance with state and local regulations.
4. If a broadleaf herbicide, insecticide, or fungicide tank mix partner is used, always check tank mix partner label for any additional cleanup procedures.

## CROP USE DIRECTIONS

### WHEAT AND BARLEY

**PINOXADEN 10% EC** can be used on all varieties of spring wheat (excluding durum), winter wheat, and barley. Prepare only the amount of spray mixture needed for the application and be sure to agitate the spray solution thoroughly both before and during application.

### TANK MIXES OF PINOXADEN 10% EC

For broad-spectrum control of annual grass and broadleaf weeds, tank mix **PINOXADEN 10% EC** with one of the broadleaf herbicides or broadleaf herbicide combinations listed in the table below to control or suppress wild oat, volunteer oat, green foxtail, yellow foxtail and Italian ryegrass. Consult the label of the tank mix partner for a list of broadleaf weeds controlled, rates, timing, recropping restrictions, grazing interval restrictions, instructions for specific weeds, directions for use, and precautions.

Generic Crop Science, LLC has not tested **PINOXADEN 10% EC** with all tank-mix product formulations for compatibility, antagonism, or performance. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**NOTE:** Herbicides not listed for tank mixing on this label may be applied sequentially. Always apply **PINOXADEN 10% EC** first and allow at least 4 days after application before applying these herbicides sequentially.

### USE PRECAUTIONS:

- Temporary crop injury may occur with tank mixes under extreme weather conditions or when the crop is suffering from stress due to moisture levels or extreme temperatures.

### USE RESTRICTIONS:

- **DO NOT** tank mix with any chemical additives, pesticides, or fertilizers that are not specified on the **PINOXADEN 10% EC** label.
- **DO NOT** combine **PINOXADEN 10% EC** with other fertilizers, pesticides, or surfactants until you have confirmed compatibility, either through use of compatibility charts or your own testing.
- **DO NOT** exceed label dosage rates listed in any label.
- **DO NOT** mix **PINOXADEN 10% EC** with any product which prohibits such a mixture.
- **DO NOT** use broadleaf herbicide combinations other than those listed in the table below.

### USE RATES

Apply **PINOXADEN 10% EC** at 8.0 fl. oz./A (0.053 lb. a.i./A) plus the label rate of one of the following single or two-way broadleaf herbicide combinations listed in Table 1 [below]. Other products that contain equivalent active ingredient(s) and used at the same active ingredient rate(s) as the broadleaf herbicide tank mix partner listed in the Table 1 [below] may be used.

**SELECT ONLY ONE BROADLEAF HERBICIDE TANK MIX COMBINATION LISTED IN TABLE 1 [BELOW].**

**TABLE 1.**

BROADLEAF HERBICIDES	
2,4-D Amine (4 lbs./gal)	MCPA Ester
2,4-D Ester (4 lbs./gal)	Orion®
Affinity® TankMix + Bronate Advanced	Orion® + Buctril®
Affinity® TankMix + MCPA Ester	Orion® + Starane®
Affinity® TankMix + Starane®	Orion® + Stinger™
Affinity® TankMix + WideMatch®	Peak®
Ally® XP	Peak + Bronate Advanced™
Amber®	Peak® + MCPA Ester
Bronate Advanced™	Peak® + Starane®
Buctril®	Starane®
Buctril® + MCPA Ester	Starane® + Bronate Advanced™
Curtail® M	Starane + Harmony® Extra XP
Express® XP	Starane® + Harmony® SG
Express® XP + MCPA Ester	Starane® + Sword®

Finesse®	WideMatch
Harmony® Extra XP	WideMatch® + Harmony® SG
Harmony® Extra XP + MCPA Ester	WideMatch® + MCPA Ester
Harmony® SG	
Harmony® SG + Bronate Advanced™	
Harmony® SG + Buctril®	
Harmony® SG + MCPA Ester	

### TANK MIXES WITH FUNGICIDES, INSECTICIDES, AND LIQUID NITROGEN FERTILIZERS

**PINOXADEN 10% EC** may be tank mixed with the fungicide, insecticide and liquid nitrogen products noted below. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

#### Tank Mix Application with Propiconazole

**PINOXADEN 10% EC** may be tank mixed with propiconazole products -including **Tilt Fungicide (EPA Reg. No. 100-617)** for annual grass and disease control. Apply **PINOXADEN 10% EC** at 8.0 fl. oz./A (0.053 lb. a.i./A) in a tank mix with propiconazole at labeled use rates. Refer to the tank mix partner's label for specific use directions, application rates, restrictions, and a list of diseases controlled.

#### Tank Mix Application with Azoxystrobin/Propiconazole

**PINOXADEN 10% EC** may be tank mixed with azoxystrobin/propiconazole two-way combination products -including **Quilt Fungicide (EPA Reg. No. 100-1178)** for annual grass control and early season disease suppression. Apply **PINOXADEN 10% EC** at 8.0 fl. oz./A (0.053 lb. a.i./A) in a tank mix with azoxystrobin/propiconazole. Refer to the tank mix partner's label for specific use directions, application rates, restrictions, and a list of diseases suppressed and/or controlled.

**USE PRECAUTION:** Under certain environmental conditions, tank mixes with azoxystrobin/propiconazole may cause crop injury.

#### Tank Mix Application with Lambda-cyhalothrin

**PINOXADEN 10% EC** may be tank mixed with lambda-cyhalothrin products -including **Warrior II with Zeon Technology (EPA Reg. No. 100-1295)** or **Karate with Zeon Technology (EPA Reg. No. 100-1097)** for annual grass and insect control. Apply **PINOXADEN 10% EC** at 8.0 fl. oz./A (0.053 lb. a.i./A) in a tank mix with lambda-cyhalothrin at labeled use rates. Refer to the lambda-cyhalothrin label for specific use directions, application rates, restrictions, and a list of insects controlled.

#### Mixtures with Liquid Nitrogen Fertilizers

**PINOXADEN 10% EC** may be mixed in a spray solution containing up to 50% liquid nitrogen fertilizer. Add **PINOXADEN 10% EC** to the water first followed by **IN-CERT MSO**. Mix thoroughly, then add the liquid nitrogen fertilizer in an amount no greater than 50% of the final volume.

**USE PRECAUTION:** When using **PINOXADEN 10% EC** with listed herbicide tank mix partners, consult the label of the partner product and follow any additional instructions or restrictions on that label which relate to mixture with liquid nitrogen fertilizers. Under certain environmental conditions, mixtures of liquid nitrogen fertilizers as a partial carrier may cause crop burn.

### [ADDENDUM TO TABLE 1.

List of Products and Active Ingredients		
Other products that contain equivalent active ingredient(s) and used at the same active ingredient rate(s) as the broadleaf herbicide tank mix partner listed here and in <b>TABLE 1</b> may be used.		
Brand Name	EPA Reg. No.	Active Ingredients
Affinity® TankMix	352-641	Thifensulfuron-Methyl/Tribenuron-Methyl
Ally® XP	279-9575	Metsulfuron Methyl
Amber®	100-701	Triasulfuron
Bronate Advanced™	264-690	Octanoic acid ester of bromoxynil/ Heptonic acid ester of bromoxynil/ MCPA Ester
Buctril®	264-437	Octanoic acid ester of bromoxynil
Curtail® M	62719-86	Clopyralid/MCPA
Express® XP	279-9578	Tribenuron-methyl
Finesse®	279-9576	Chlorsulfuron/Metsulfuron Methyl
Harmony® Extra XP	279-9590	Thifensulfuron-methyl/Tribenuron--methyl

Harmony® SG	279-9595	Thifensulfuron-methyl
MCPA Ester	42750-23	MCPA Ester
Orion®	100-1307	Florasulam/MCPA
Stinger™	62719-73	Clopyralid
Peak®	100-763	Prosulfuron
Starane®	62719-577	Fluroxypyr
Starane® + Sword®	62719-307	Fluroxypyr + MCPA Ester
WideMatch®	62719-512	Clopyralid/Fluroxypyr]

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place. **DO NOT** store near seeds, fertilizers, or foodstuffs.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Non-refillable container. **DO NOT** reuse or refill this container. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**[Nonrefillable Container equal to or less than 5 gallons:** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.]

**[Nonrefillable Container greater than five gallons:** Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.]

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call CHEMTREC AT 800-424-9300 day or night

## CONDITION OF SALE, DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY

**IMPORTANT - READ BEFORE USE:** Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If you **DO NOT** accept these terms, **DO NOT** use product. By using this product, you accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

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STATEMENTS MADE ON THIS LABEL. Treatment and handling of seed may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of GCS, no claims are made to guarantee germination seed. No affiliate, officer, director, employee, agent, or successor of GCS is

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[Note to Reviewer: The mention of the product name throughout this Master Label may be updated/replaced with the term "This product" on the Market Label.]

{Optional graphics to be used on any panel of final market label:}

<p>[www.FBN.com][FBN.com]                  [Available at www.FBN.com]                  [844-200-FARM (3276)]                  [Farmers First]</p>		<p>{any color}</p> 
		
		
		